



*JFW*  
PATENT  
5957-80904

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Inventor:

Katsuki Hazama

Serial No.: 10/643,187

Filing Date: 8/19/03

Title: Multilevel semiconductor memory, write/read method thereto/therefrom and storage medium storing write/read program

Examiner: Unknown

Group/Art Unit: 2184

Atty.Dkt.No.:5957-80904

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below:

*B. Noël Kivlin*  
Registered Representative  
*S-31-06* *15*  
Date Signature

**TRANSMITTAL OF POWER OF ATTORNEY AND  
NOTICE OF CHANGE OF ADDRESS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please find attached a Power of Attorney with regard to the above-identified patent application. Applicant respectfully requests the Commissioner to change the correspondence address for the above-identified patent application. The old correspondence address was:

CONNOLLY BOVE LODGE & HUTZ LLP  
SUITE 800  
1990 M STREET NW  
WASHINGTON DC 20036-3425

The new correspondence address is:

B. Noël Kivlin  
Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.  
P.O. Box 398  
Austin, Texas 78767-0398  
(512) 853-8847  
Customer ID #35690

If there are any questions regarding this matter, please contact me at the telephone number provided below.

Respectfully submitted,



B. Noël Kivlin  
Reg. No. 33,929

MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C.  
P. O. Box 398  
Austin, Texas 78767  
(512) 853-8800  
Date: 5-30-06



## POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Pegre Semiconductors, LLC. "Assignee", a Delaware corporation having a place of business at 2215-B Renaissance Drive, Las Vegas, NV 89119, certifies that to the best of assignee's knowledge and belief it is the assignee of the entire right, title, and interest in and to the patent(s) and/or patent application(s) listed in Appendix A and represents that the undersigned is a representative authorized and empowered to sign on behalf of the assignee.

Assignee has reviewed the assignment documents that evidence the placement of title in the assignee, true and correct copies of which are attached hereto, and understands and believes that these assignment documents have been submitted for recordation in the U.S. Patent and Trademark Office.

Pursuant to 37 C.F.R. §§1.36 and 3.71, the assignee hereby revokes all powers of attorney previously given and appoints the following attorneys and/or agents in connection with the patent applications and patents identified in Appendix A, that are filed with the United States Patent and Trademark Office:

the practitioners at Customer Number 35690, and

Mark K. Brightwell	Reg. No. 47,446	Lawrence J. Merkel	Reg. No. 41,191
Kay A. Colapret	Reg. No. 52,759	Eric B. Meyertons	Reg. No. 34,876
Stephen J. Curran	Reg. No. 50,664	Dean M. Munyon	Reg. No. 42,914
Mark R. DeLuca	Reg. No. 44,649	Neal E. Persky	Reg. No. 53,452
Russell Henrichs	Reg. No. 50,354	Liza Philip	Reg. No. 51,352
Erik A. Heter	Reg. No. 50,652	David W. Quimby	Reg. No. 39,338
Jeffrey C. Hood	Reg. No. 35,198	Rory D. Rankin	Reg. No. 47,884
Rajiv Jauhari	Reg. No. 55,850	Gareth Sampson	Reg. No. 52,191
B. Noël Kivlin	Reg. No. 33,929	Chris Thompson	Reg. No. 43,188
Robert C. Kowert	Reg. No. 39,255	Mark S. Williams	Reg. No. 50,658
Mario J. Lewin	Reg. No. 54,268	Martin R. Wojcik	Reg. No. 57,577

*each of said attorneys or agents being a member or an associate of the firm of Meyertons, Hood, Kivlin, Kowert & Goetzl, P.C., as its attorney or agent for so long as they remain with such firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive any Letters Patent, and for one year after issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.*

Pursuant to 37 C.F.R. §3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

Send all future correspondence to: B. Noël Kivlin  
Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.  
P.O. Box 398  
Austin, Texas 78767-0398  
(512) 853-8800

Assignee of Interest

Pegre Semiconductors, LLC

Dated: 2/7/06

By: B. Noël Kivlin  
Name: Amy D. Spee  
Title: Authorized Person

## ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Nippon Steel Corporation having offices at 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071, Japan and NS Solutions Corporation with an office at 20-15, Shinkawa 2-chome, Chuo-ku, Tokyo 104-8280, Japan (collectively "*Assignor*"), does hereby sell, assign, transfer and convey unto Pegre Semiconductors LLC, a Nevada limited liability company, having an office at 2215-B Renaissance Drive, Suite 5, Las Vegas, NV 89119 ("*Assignee*") or its designees, all of *Assignor*'s right, title and interest in and to the patent applications and patents listed below, any patents, registrations, or certificates of invention issuing on any patent applications listed below, the inventions disclosed in any of the foregoing, any and all counterpart United States, international and foreign patents, applications and certificates of invention based upon or covering any portion of the foregoing, and all reissues, re-examinations, divisionals, renewals, extensions, provisionals, continuations and continuations-in-part of any of the foregoing (collectively "*Patent Rights*"):

### 1-1. U.S.A --- Patents And Patent Applications To Be Assigned

No.	Patent or Application No.	Country	Patentee	File No.
1	5,243,559	U.S.A.	NSC	91089US00
2	5,278,787	U.S.A.	NSC	92114US00
3	5,290,723	U.S.A.	NSC	92083US00
4	5,381,028	U.S.A.	NSC	93121US00
5	5,408,429	U.S.A.	NSC	93006US00
6	5,412,601	U.S.A.	NSC	93077US00
7	5,418,743	U.S.A.	NSC	93102US00
8	5,424,978	U.S.A.	NSC	93102US01
9	5,432,897	U.S.A.	NSSOL	93037US00
10	5,450,341	U.S.A.	NSC	93077US01

No.	Patent Application No.	Country	Patentee	File No.
11	5,450,354	U.S.A.	NSC	93077US02
12	5,450,580	U.S.A.	NSSOL	92019US00
13	5,471,423	U.S.A.	NSC	94038US00
14	5,490,110	U.S.A.	NSC	93077US03
15	5,491,656	U.S.A.	NSC	93006US01
16	5,515,321	U.S.A.	NSC	94082US00
17	5,530,276	U.S.A.	NSC	93121US01
18	5,546,578	U.S.A.	NSSOL	92019US01
19	5,557,572	U.S.A.	NSC	93006US02
20	5,572,464	U.S.A.	NSC	94023US01
21	5,592,003	U.S.A.	NSC	93106US01
22	5,594,688	U.S.A.	NSC	95049US00
23	5,596,527	U.S.A.	NSC	93102US02
24	5,640,032	U.S.A.	NSC	95100US00
25	5,641,989	U.S.A.	NSC	95051US00
26	5,668,756	U.S.A.	NSC	95110US00
27	5,682,347	U.S.A.	NSC	94082US01
28	5,686,333	U.S.A.	NSC	95049US01

X ak

No.	Patent or Application No.	Country	Patentee	File No.
29	5,726,470	U.S.A.	NSC	96006US00
30	5,780,890	U.S.A.	NSC	95112US00
31	5,780,893	U.S.A.	NSC	96076US00
32	5,780,894	U.S.A.	NSC	96072US00
33	5,793,081	U.S.A.	NSC	95005US01
34	5,796,140	U.S.A.	NSC	95093US00
35	5,796,149	U.S.A.	NSC	95090US00
36	5,812,697	U.S.A.	NSSOL	95057US01
37	5,856,691	U.S.A.	NSC	96071US00
38	5,900,661	U.S.A.	NSC	97003US00
39	5,925,907	U.S.A.	NSC	96038US00
40	5,960,283	U.S.A.	NSC	96006US01
41	5,987,173	U.S.A.	NSSOL	96044US00
42	6,023,781	U.S.A.	NSC	97004US00
43	6,040,789	U.S.A.	NSSOL	97103US00
44	6,088,261	U.S.A.	NSC	97130US00
45	6,089,460	U.S.A.	NSC	97033US00
46	6,118,897	U.S.A.	NSSOL	96044US01

No.	Patent No. Application No.	Country	Patentee	File No.
47	6,144,585	U.S.A.	NSC	94082US02
48	6,232,182	U.S.A.	NSC	96076US01
49	6,260,172	U.S.A.	NSC	97033US01
50	6,285,596	U.S.A.	NSC	97070US03
51	6,288,423	U.S.A.	NSC	97066US00
52	6,339,548	U.S.A.	NSC	94082US03
53	6,380,953	U.S.A.	NSSOL	98056US00
54	6,396,507	U.S.A.	NSSOL	97062US00
55	6,453,318	U.S.A.	NSSOL	99040US00
56	6,469,343	U.S.A.	NSC	97070US02
57	6,489,650	U.S.A.	NSC	97072US00
58	6,525,370	U.S.A.	NSC	96038US03
59	6,596,590	U.S.A.	NSC	97070US01
60	6,605,839	U.S.A.	NSC	97070US05
61	6,649,542	U.S.A.	NSC	97070US04
62	6,787,844	U.S.A.	NSC	96038US04
63	6,818,943	U.S.A.	NSC	97072US03
64	6,838,360	U.S.A.	NSC	97072US02

No.	Patent Application No.	Country	Patentee	File No.
65	6,844,268	U.S.A.	NSC	97066US01
66	6,853,581	U.S.A.	NSC	97004US02
67	6,857,099	U.S.A.	NSC	97004US01
68	10/642,764	U.S.A.	NSC	97004US03
69	10/643,187	U.S.A.	NSC	97004US06
70	10/643,188	U.S.A.	NSC	97004US05
71	10/643,222 (6,895,543)	U.S.A.	NSC	97004US04
72	10/653,237 (6,913,973)	U.S.A.	NSC	96038US05
73	10/725,318	U.S.A.	NSC	96038US06
74	10/953,094	U.S.A.	NSC	97072US04

## 1-2. U.S.A --- Patent Applications Withdrawn, Rejected, Canceled or Abandoned

No.	Patent Application No.	Country	Patentee	File No.: Status
1	08/173,080	U.S.A.	NSC	93106US00, Rejected
2	08/224,015	U.S.A.	NSC	94023US00, Rejected
3	08/409,815	U.S.A.	NSC	95005US00, Rejected
4	08/797,892	U.S.A.	NSC	95051US01, Rejected
5	598,398	U.S.A.	NSC	95149US00, Rejected

K file

No.	Patent Application No.	Country	Patentee	File No.; Status
6	903,170	U.S.A.	NSC	95149US01, Rejected
7	09/317,255	U.S.A.	NSC	96038US02, Rejected
8	09/053,492	U.S.A.	NSC	97070US00, Rejected
9	09/089,359	U.S.A.	NSC	97069US00, Rejected
10	08/468,309	U.S.A.	NSSOL	95057US00, Rejected

#### 2-1. Japan --- Patents And Patent Applications To Be Assigned

No.	Patent or Application No.	Country	Patentee	File No.
1	3130312	Japan	NSC	902719
2	3043135	Japan	NSC	912773
3	3068291	Japan	NSC	913766
4	3216230	Japan	NSC	921792
5	3095918	Japan	NSC	924630
6	3288100	Japan	NSC	930106
7	3288099	Japan	NSC	930107
8	3422812	Japan	NSC	930137
9	3260194	Japan	NSC	930257
10	3103457	Japan	NSC	931146

No.	Patent Application No.	Country	Patentee	File No.
11	3213434	Japan	NSC	931403
12	3231136	Japan	NSC	932199
13	3315472	Japan	NSC	932363
14	2974547	Japan	NSC	932496
15	3149146	Japan	NSC	932497
16	3217901	Japan	NSC	932720
17	3397847	Japan	NSC	933547
18	3513189	Japan	NSC	933548
19	3330700	Japan	NSC	934292
20	3311842	Japan	NSC	934424
21	3581393	Japan	NSC	941682
22	3335771	Japan	NSC	942259
23	3445660	Japan	NSC	942364
24	3397903	Japan	NSC	942728
25	3588376	Japan	NSC	943228
26	3426424	Japan	NSC	9503253
27	3540881	Japan	NSC	9504110
28	3658066	Japan	NSC	9504025

No.	Patent or Application No.	Country	Patentee	File No.
29	3523956	Japan	NSC	9600066
30	3586332	Japan	NSC	9504056
31	3389003	Japan	NSC	9600530
32	3631562	Japan	NSC	9501813
33	3461667	Japan	NSC	9501859
34	3667912	Japan	NSC	9602615
35	3653373	Japan	NSC	9700050
36	3605266	Japan	NSC	9700187
37	3581548	Japan	NSC	9701475
38	3581549	Japan	NSC	9701602
39	3513379	Japan	NSC	9701874
40	3684048	Japan	NSC	9700456
41	3648057	Japan	NSC	9801068
42	3382157	Japan	NSC	9801129
43	H05-222289	Japan	NSC	933549
44	H07-160049	Japan	NSC	9502660
45	H07-251932	Japan	NSC	9503249
46	2002-382183	Japan	NSC	A201864

No.	Patent or Application No.	Country	Patentee	File No.
47	H08-272961	Japan	NSC	9601731
48	2005-165727	Japan	NSC	9601731-02
49	H09-055536	Japan	NSC	9700059
50	H09-195052	Japan	NSC	9700457
51	H09-261041	Japan	NSC	9701161
52	2005-126974	Japan	NSC	9701161-02
53	H09-257561	Japan	NSC	9701258
54	H10-121893	Japan	NSC	9800715
55	H10-045692	Japan	NSC	9701593
56	H10-108123	Japan	NSC	9701352
57	H10-109179	Japan	NSC	9701688
58	2005-036324	Japan	NSC	9701688-02
59	2005-202177	Japan	NSC	9701688-03
60	H10-116637	Japan	NSC	9701162
61	H10-152030	Japan	NSC	9702199
62	H10-153398	Japan	NSC	9800716
63	3151730	Japan	NSSOL	911223
64	2993539	Japan	NSSOL	913658

No.	Patent Application No.	Country	Patentee	File No.
65	2993540	Japan	NSSOL	913686
66	3288063	Japan	NSSOL	913683
67	3372563	Japan	NSSOL	922045
68	3675511	Japan	NSSOL	9502313
69	3358433	Japan	NSSOL	9601038
70	3582143	Japan	NSSOL	9501380
71	3439610	Japan	NSSOL	9602583
72	3290600	Japan	NSSOL	9602547
73	3498733	Japan	NSSOL	922045-02
74	3566692	Japan	NSSOL	9602547-02
75	H07-086823	Japan	NSSOL	9502312
76	H07-126886	Japan	NSSOL	9502486
77	H09-269391	Japan	NSSOL	9701766
78	H10-305167	Japan	NSSOL	9801884
79	H10-211914	Japan	NSSOL	9801290
80	2004-166633	Japan	NSSOL	9501380-02
81	3259781	Japan	NSSOL	920394
82	3258063	Japan	NSSOL	920393

No.	Patent Application No.	Country	Patentee	File No.
83	2002-382182	Japan	NSC	A201868

### 2-2. Japan --- Patent Applications Withdrawn, Rejected, Canceled or Abandoned

No.	Patent Application No.	Country	Patentee	File No.; Status
1	H02-401448	Japan	NSC	903224; Withdrawn
2	H03-330338	Japan	NSC	913763; Rejected
3	H05-191904	Japan	NSC	933139; Canceled
4	H05-080069	Japan	NSC	931145; Rejected
5	H05-103488	Japan	NSC	931742; Rejected
6	H05-146900	Japan	NSC	932661; Withdrawn
7	H05-239135	Japan	NSC	933693; Rejected
8	H04-255608	Japan	NSC	923358; Withdrawn
9	H04-255609	Japan	NSC	923359; Withdrawn
10	H04-255610	Japan	NSC	923463; Withdrawn
11	H05-351867	Japan	NSC	940090; Canceled
12	H05-122015	Japan	NSC	932364; Withdrawn
13	H07-088736	Japan	NSC	9501186; Rejected
14	H06-114019	Japan	NSC	942049; Withdrawn

No.	Patent Application No.	Country	Patentee	File No.; Status
15	H06-079811	Japan	NSC	941036; Withdrawn
16	H06-145496	Japan	NSC	942085; Withdrawn
17	H06-242098	Japan	NSC	942864; Withdrawn
18	H06-242099	Japan	NSC	942865; Withdrawn
19	H07-079819	Japan	NSC	9500942; Withdrawn
20	H06-337221	Japan	NSC	9500036; Withdrawn
21	H06-337222	Japan	NSC	9500037; Withdrawn
22	H06-337223	Japan	NSC	9500033; Withdrawn
23	H07-046187	Japan	NSC	9500647; Withdrawn
24	H07-064958	Japan	NSC	9500882; Withdrawn
25	H07-276292	Japan	NSC	9500948; Withdrawn
26	H07-353489	Japan	NSC	9503955; Withdrawn
27	H09-055535	Japan	NSC	9602614; Rejected
28	H08-061864	Japan	NSC	9500945; Withdrawn
29	H08-061865	Japan	NSC	9500949; Withdrawn
30	H08-061866	Japan	NSC	9501262; Withdrawn
31	H08-195436	Japan	NSC	9503991; Withdrawn
32	H08-267844	Japan	NSC	9601775; Withdrawn

No.	Patent Application No.	Country	Patentee	File No.; Status
33	H08-342663	Japan	NSC	9600528; Withdrawn
34	H08-265582	Japan	NSC	9600219; Withdrawn
35	H09-363012	Japan	NSC	9701928; Withdrawn
36	H08-267843	Japan	NSC	9601774; Withdrawn
37	H09-202452	Japan	NSC	9700701; Withdrawn
38	H09-124943	Japan	NSC	9602451; Withdrawn
39	H09-123058	Japan	NSC	9600524; Withdrawn
40	H09-116322	Japan	NSC	9700473; Withdrawn
41	H09-124944	Japan	NSC	9700474; Withdrawn
42	H09-356231	Japan	NSC	9701667; Withdrawn
43	H09-367115	Japan	NSC	9702325; Withdrawn
44	H10-067886	Japan	NSC	9702326; Withdrawn
45	H10-067887	Japan	NSC	9800228; Withdrawn
46	H09-367744	Japan	NSC	9701687; Withdrawn
47	H09-165164	Japan	NSC	9602878; Withdrawn
48	H06-128614	Japan	NSSOL	942154; Withdrawn
49	H06-234652	Japan	NSSOL	942998; Withdrawn
50	H07-093013	Japan	NSSOL	9501378; Withdrawn

<u>No.</u>	<u>Patent or Application No.</u>	<u>Country</u>	<u>Patentee</u>	<u>File No.; Status</u>
51	H07-100049	Japan	NSSOL	9501375; Rejected
52	H09-294478	Japan	NSSOL	9702069; Canceled
53	H08-284956	Japan	NSSOL	9601458; Withdrawn
54	H08-265583	Japan	NSSOL	9602309; Withdrawn
55	H09-311346	Japan	NSSOL	9702016; Withdrawn
56	H08-307214	Japan	NSSOL	9602584; Rejected
57	H05-122013	Japan	NSC	932362; Rejected
58	H06-040561	Japan	NSC	940502; Rejected
59	H06-082548	Japan	NSC	940935; Rejected
60	H06-188922	Japan	NSC	942493; Rejected
61	H08-274210	Japan	NSC	9501968; Rejected
62	H10-135970	Japan	NSC	9702359; Rejected

### 3-1. Europe --- Patents To Be Assigned

<u>No.</u>	<u>Patent or Application No.</u>	<u>Country</u>	<u>Patentee</u>	<u>File No.</u>
1	69424927.0	Germany	NSC	94082DE00
2	661711	France	NSC	94082FR00

No.	Patent or Application No.	Country	Patentee	File No.
3	661711	England	NSC	94082GB00
4	69229521.6	Germany	NSSOL	92019DE00
5	510634	France	NSSOL	92019FR00
6	510634	England	NSSOL	92019GB00

### 3-2, Europe --- Patent Applications Transferred To Each Nation

No.	Patent Application No.	Country	Patentee	File No.
1	94120233.5	EP	NSC	94082EP00
2	92106939.9	EP	NSSOL	92019EP00

### 4-1, Korea --- Patents To Be Assigned

No.	Patent or Application No.	Country	Patentee	File No.
1	145,243	Korea	NSC	94082KR00
2	184,071	Korea	NSC	95051KR00
3	253,959	Korea	NSC	95149KR00
4	282,026	Korea	NSC	97004KR00
5	98-20823	Korea	NSC	97069KR00

## 4-2. Korea --- Patent Applications Withdrawn, Rejected, Canceled or Abandoned

No.	Patent or Application No.	Country	Patentee	File No. Status
1	95/20012	Korea	NSC	95049KR00, Rejected

## 5. Taiwan (Republic of China)

No.	Patent or Application No.	Country	Patentee	File No.
1	089,780	Taiwan	NSC	95149TW00
2	110,318	Taiwan	NSC	97066TW00
3	120,438	Taiwan	NSC	97069TW00

Assignor further agrees to and hereby does sell, assign, transfer and convey unto Assignee all rights: (i) in and to causes of action and enforcement rights for the Patent Rights including all rights to pursue damages, injunctive relief and other remedies for past and future infringement of the Patent Rights except as otherwise provided in the following paragraph, and (ii) to apply in any or all countries of the world for patents, certificates of invention or other governmental grants for the Patent Rights, including without limitation under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement or understanding. Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

The above assignment is subject to the terms of the PATENT PURCHASE AGREEMENT dated October 7, 2005 made by Assignor and Assignee.

The terms and conditions of this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, its successor, assigns and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at Tokyo, Japan  
on December 8, 2005.

ASSIGNOR

Nippon Steel Corporation

By: Kazuo Nagahiro

Name: Kazuo Nagahiro

Title: Representative director and executive vice president  
(Signature MUST be notarized)

ASSIGNOR

NS Solutions Corporation

By: Shigeru Suzuki

Name: Shigeru Suzuki

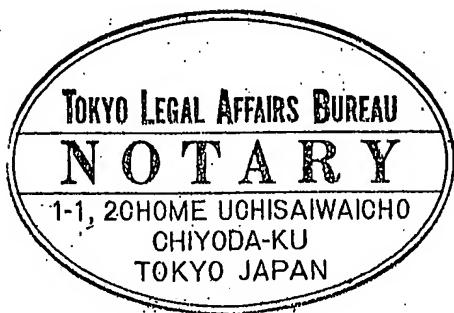
Title: Representative director and President

(Signature MUST be notarized)

NOTARIAL CERTIFICATE

I, the undersigned Notary, do hereby certify that Mr. Daisuke ANDO, an agent of Mr. Kazuo NAGAHIRO, Representative Director and Executive Vice President of NIPPON STEEL CORPORATION and Mr. Shigeru SUZUKI, Representative Director and President of NS SOLUTIONS CORPORATION, who have been authorized to sign the attached document, has stated in my very presence that said Mr. Kazuo NAGAHIRO and Mr. Shigeru SUZUKI acknowledged themselves to have signed to the attached document, and that their signatures are true and genuine.

Dated: on this 8<sup>th</sup> day of December, 2005

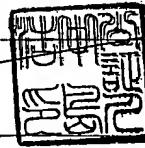


*Hirosi Nakajima*  
HIROSHI NAKAJIMA  
NOTARY

登簿平成17年第 1909号

嘱託人新日本製鐵株式会社代表取締役永広和夫及び新日鉄ソリューションズ株式会社代表取締役鈴木繁の代理人安藤大輔は本公証人に対し、嘱託人が別紙譲渡証に署名したことを自認している旨陳述した。

よって、これを認証する。



平成17年 12月 8日 本職役場において

東京都千代田区内幸町2丁目1番1号

霞ヶ関公証役場

東京法務局所属

公証人

中島浩

